

19970823.ba v01_n635.bam.970823 v01_n636.bam.970823

>From ???@??? Sat Aug 23 01:32:58 1997
Message-Id: <199708230510.AAA22504@sco.theporch.com>
Date: Sat, 23 Aug 1997 00:10:35 CDT
Subject: BOATANCHORS digest 1635

BOATANCHORS Digest 1635

Topics covered in this issue include:

- 1) Web Page
by "Roger A. McCarty" <rmccarty@deltanet.com>
- 2) 6M AM Tcvt list
by MNHopkins@aol.com
- 3) HRO coils
by laffitte@prtc.net (laffitte)
- 4) F/T GE Ham News(s)
by MNHopkins@aol.com
- 5) Re: AN/GRC-9
by Edward Zeranski <ejz@nosc.mil>
- 6) Re: J-36 Bug Information
by arc5@ix.netcom.com
- 7) tapetone
by bammoore <bammoore@pacbell.net>
- 8) Orange Drop Installation
by Lee Blaske <lblaske@pclink.com>
- 9) Re: AN/GRC-9
by Edward Zeranski <ejz@nosc.mil>
- 10) Uncle Sam's tube stash
by "Ian Abbott" <ian@gene.COM>
- 11) (complete message) Uncle Sam's tube stash
by "Ian Abbott" <ian@gene.COM>
- 12) CORRECT URL FOR SURPLUS TUBES
by "Ian Abbott" <ian@gene.COM>
- 13) A-54 and Hi-Fi AM Era Mode wars Nuisance Range
by "Larry" <rau@wco.com>
- 14) Re: Orange Drop Installation
by Bob Okas <vintage@best.com>
- 15) Re: Orange Drop Installation
by Ken_Warren@beavton.k12.or.us (Ken Warren)
- 16) Heath CT-1 manual
by Clark Thompson <cmthomp1@facstaff.wisc.edu>
- 17) Re: (complete message) Uncle Sam's tube stash
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
- 18) Re: (complete message) Uncle Sam's tube stash
by "Ian Abbott" <ian@gene.COM>
- 19) Racal manual needed, please

by Walt Novinger <novingew@cadvision.com>
20) Navy RCH RCVR questions/comments
by Bob Roehrig <broehrig@admin.aurora.edu>
21) Burning Man Radio
by Dick Dillman <ddillman@igc.apc.org>
22) SX101 MK1A
by Larry Boyle <lbkd6wi@ns.net>

Date: Thu, 21 Aug 1997 23:56:22 -0700
From: "Roger A. McCarty" <rmccarty@deltanet.com>
To: boatanchors@theporch.com
Subject: Web Page
Message-ID: <33FD3816.3375@deltanet.com>

Just a note to new subscribers and a reminder to ot's.
My web page features many pictures of the radios discussed on this
forum. Please check;

<http://www.accurate-electronics.com/kd6cc>

Also, FYI Boatanchor subscribers, Netscape 4.02 seems to perform much
better with Java encoded pages in comparison to Netscape 3. Communicator
seems to exhibit some problems. Go figure.

Roger KD6CC

Date: Fri, 22 Aug 1997 09:18:02 -0400 (EDT)
From: MNHopkins@aol.com
To: Boatanchors@theporch.com
Subject: 6M AM Tcvt list
Message-ID: <970822091755_-1101302319@emout14.mail.aol.com>

Few AM transceivers were around in Six Meter's Golden Age of
1957-58. Only the upright Gonsets, Communicators I, II, and III
were available when the sunspots, Civil Defense and the last
burst of homebrewing combined to make 6M more active than 2M is today.
But as activity tapered off, commercial offerings proliferated. By
1970, when 2M FM was clearly winning, there had been at least 28
offerings in the category here defined as a box containing both
transmit and receive functions and designed for use exclusively
on and around 50MC, usually mobile.

That definition leaves out the dual band rigs like
Polycomm's 6N2 as well as the many separate TX/RX combos that fueled the

mobile revolution. It also intentionally overlooks the mobile receive converter, except for two oddities at the end. But you will find many old friends and you are invited to send any reminiscences, or corrections, or both to the author who is planning an annotated listing.

Spotter's Guide to 6M AM Transceivers

(Where two prices are listed, the second is the power supply)

CLEGG

The 66er (1967) \$249.95
The 99er (1962) \$159.95
Thor (1963) \$349.95/\$100

DEWALD

TR-850 (1961?) \$99.95/\$12.95 (Same as Lincoln 6?)

GONSET

Communicator I (1953) \$209.50
Communicator II (1954) \$229.95
Communicator III (1957) \$269.50
Communicator IV (1960) \$369.50
G-50 (1959) \$319.50

HALLICRAFTERS

SR-46A (1964) \$199.95 VFO \$59.95

HEATH

HW-10 Shawnee (19??) \$199.95
HW-29 (1960) Used 10MC xtals, a collector find.
HW-29a Sixer (1961) \$44.95/

KNIGHT

TR-106 (1968) \$119.95 kit

LAFAYETTE

HE-35A (19??) \$57.50
HE-45a (19??) \$114.95
HE-45b (19??) \$119.95
HA-460 (19??) \$114.95
HA-650 (19??) \$114.95 (Solid State)
HA-650 (19??) \$119.95 " "

LINCOLN

Lincoln 6 (1962) \$57.50/\$12 (Same as Dewald TR-850?)

POLYCOMM

Polycomm 6CD (1963) \$329.50

SOLAR

Solar System VI (19??) \$189.50

SONAR

Sonar CD-6 (19??) (\$) Only known sample at N5DWV

UTICA

Utica 650 (1964) Black with white lettering \$189.95
Vibrator for mobile.

Utica 650A (1965) Silver with black lettering \$199.95
Adds CW TX, SS mobile p/s

WRL (World Radio Labs, later Globe, Galaxy)

Tech Ceiver 6 (1961) \$39.95/\$5.95

Tech Ceiver TC-6A (1963) \$39.95/\$5.95 "Tom Cat Sixes"

Mobline Six (19??) (?) Space age (Flash Gordon) look,
about 100 made

THE MAYBE RIGS -- Transmitters with receive converters to BCB or ham
receiver.

BABB, J. Walter & Co.

Babb TRA-6 (19??) (\$74.50) Converter was an International
FCV-2 with output to BCB or 40M.
Only known sample at WA5VJB

TRANSCON

Transcon 6 (19??) \$99.50

EPILOG--

By the end these rigs had improved. The Utica of '64 had a 12MC VFO to help stop TVI and a BFO built in so one did not have to use a "spot" function to hear CW/SSB. It and the price leader LaFayette HA-460 had dual conversion receivers, too, but everyone seemed to stick to a 2E26 final. It did not matter. Back in '57 the Collins KWM-1 started it all and by '61 the Swan SSB monobanders were out. In '65 the Swan 250 was drifting into 6M and the era was closing.

So use this list to relive our history. Take it with you when you look at ham sale tables--or under them.

de ab5l, michael hopkins, Box 226841, Dallas, 75222,
MNHopkins@AOL.com, who holds the world's largest collection of
1958 International Crystal STP-50 transmitters (three).

Date: Fri, 22 Aug 1997 09:19:46 -0300
From: laffitte@prtc.net (laffitte)
To: boatanchors@theporch.com
Subject: HRO coils
Message-ID: <33FD83E2.457F@prtc.net>

I still have an extra B and extra C HRO 60 coils. They are \$30.00 plus
shipping. Also will trade/sell a Western Union tube fax machine and
BC221 both in good shape.

Thanks to all the responses on my OS8 quest and HQ129X problem.

TNX and 73s
Guido E. Santacana
BA collector in the tropics
San Juan, Puerto Rico

Date: Fri, 22 Aug 1997 09:55:17 -0400 (EDT)
From: MNHopkins@aol.com
To: Boatanchors@theporch.com
Subject: F/T GE Ham News(s)
Message-ID: <970822095346_117701643@emout12.mail.aol.com>

The GE Ham News promotional booklet give aways ran from '46 to '62 and far
predate my ham career, but I have 72 of them and another 42 dupes to trade.
I use them for research on six meters and especially need:

September/October 1951 (original or copy)

I am typing up this morning a list of my haves and trades but will not post
to the group as the interest is far narrower than my list of 6M AM Tcvrs
which may yet get me a Jackatak for bandwith (But Jack, my post was shorter
than some guys' list of clubs and certificates!)

So ask for the list if you can benefit from it, and I will send it as text,
not as a file.

73 de ab5l, student of International Crystal and Tecraft rigs, 6M obscurities
and the Golden Age of 6M: 1957-58 MNHopkins@AOL.com Michael Hopkins, Box
226841, Dallas 74222

Date: Fri, 22 Aug 1997 08:13:03 -0700
From: Edward Zeranski <ejz@nosc.mil>
To: boatanchors@theporch.com
Cc: military-radio-guy@juno.com
Subject: Re: AN/GRC-9
Message-ID: <3.0.1.32.19970822081303.006d1fe4@marlin.nosc.mil>

Howdy BA folk!

Dick Dillman gave me Wim's email address in an exchange about Angry9 stuff. This is part of Wim's reply to my mail which I thought BA would find interesting, especially the magazine part. Work has me scheduled to be about 6 hours, autobahn hours, away from the mentioned museum so seeing it is a possibility.

>Hi Ed,
>Thanks for your e-mail and nice to meet you. Ok about Dick. He has
>visited my home when he was in Holland. WEe had a real nice conversation
>about military radio stuff.
>Now to answer your e-mail
>Edward Zeranski wrote:
>>
>> Hello Wim!
>> Dick Dillman gave me your email address, mentioned a GRC-9 news
letter you
>> produce, and a military museum near your location. I'm interested in the
>> newsletter and information on the museum.
>
>Ok. First the newsletter. Together with a publisher I'm working on the
>production of a new 'Military Radio Magazine' dealing with all aspects
>of collecting, repair, use, and original use of military, spy and other
>interestting communications equipment. We hope to be able to send out
>the first issue this autuum.
>
>(many years ago we had the magazine 'Q-Five' dealing with the same
>subject. Q-Five was published by the IANA but this club does not excist
>anymore so also Q-Five is history. I gave Dick a few old issues of this
>Q-Five magazine)
>
>If you are interested to subscribe to the new magazine please let me
>know. Also if you know other persons with the same interest in military
>radio gear tell them that the Military Radio magazine is on it's way
>(hi). The more people I know with a serious interest the more speed the
>publisher is going to make. You see, he is not yet fully convinced that
>there are enough people intrested in this hobby to have a solid basis

>for a good magazine.
>
>Now about the museum. This is the Dutch Army Signal Corps Museum. It is
>very nice and you really should pay a visit to it when you are in our
>country. It is located in a town called Ede. (This is near Arnhem). It
>is located in a military camp so you have to bring your passport to enter.
>The military camp is called "Elias Beekman Kazerne" and is located on
>the Kazernestraat in Ede.
>I can give you exact directions how to travel to the museum if you like.
>
>Oops almost forgot. The museum is ONLY open to the public on Thursday
>afternoon (14.00 -17.00 h) and Thursday evening (19.00 - 21.00 H)
>
> Both my '9s are working, one
>> having all the accessories and one just the basic mike and whip antenna. I
>> do have the AC supply as well as DY-88 and two GN-58s and all the canvas
>> bags. In work related travel I have picked up extra spares boxes and
>> vehicle mounts. Dick might have told you the the GRC-9 (Angry Nine) is
my 'Love of my
>Live' (hi). I'm a collector of military radio stuff and I have a huge
>collection of all kinds of sets but over the years the GRC-9 has been my
>real 'baby'. I also use this rig a lot on the air (AM-phone; 80 meters
>amateurband)
>
>Right now I plan to be in Germany in Oct/Nov. Friends live
>> in Workum, Friesland and I hope to visit them. If you could please send the
>> information on the museum I'll see if I can work that in also.
>
>Please contact me when you are in Holland in the autumn. You are welcome
>to visit my place if you like and we can talk about Military Radio.
>My collection used to be over 1000 items, so much to long to make a
>list. I have downsized to mainly small pack and vehicular sets. Still
>quite a pile and too much to count (hi.)
>>
>Cut, snip,

>I do not have a GRC-109. I have PRC-47 and used it many times on the air
>(80 and 40 meters). It is a great rig. Very good modulation. The only
>problem is that the PSU unit is very weak. I have known about 10
>different PRC-47 sets over the past years and sooner or later all got
>troubles with the PSU unit. What is your experience with this rig?
>
>I also have the BC-348 and the TCS. Both are very nice to operate.
>
>Ed, I hope to hear from you again. Have a nice weekend,
>
>Wim

>
>>
>> Ed Zeranski This is a private opinion or statement.
>> home email: ezeran@cris.com

Date: Fri, 22 Aug 1997 10:28:36 -0500 (CDT)
From: arc5@ix.netcom.com
To: boatanchors@sco.theporch.com
Subject: Re: J-36 Bug Information
Message-ID: <199782291456623281@ix.netcom.com>

>> Mine was rescued from an equipment dump on Enewetok
>> Island off Alaska in the early 50s.
.....
>Hi Dave!
> Enewetok is near Bikini island in the south Pacific, not Alaska.

You're right, Ray. I meant Amchitka, not Enewetok.
Too many years at the NTS, I guess!
73 Dave AB5S

Date: Fri, 22 Aug 1997 09:28:51 -0700
From: bammooore <bammooore@pacbell.net>
To: boatanchors@theporch.com
Subject: tapetone
Message-ID: <33FDBE43.5ED8@pacbell.net>

>MNHopkins muttered:

: For those who thought my continuing quest for Tecraft converters
and TXs
from the early '50s obscure and arcane, condiser these:

Tapetone XC 144 -- Three tubes and 33dB

XC-50 -- Four dB noise figure with three tubes

For Christmas my Dad got me Tapetone XC-51-N converter from Henry Radio
in West L.A. New model just out and haven't heard of but one other at

that time. Still don't find any ads for it in the old mags.
Most Tapetones used the -N suffix to indicate a 30-34 Mc. I.F. for use
with Nationals. This converter used the -N suffix to indicate it had
Nuvistors. Mine had a 10 - 14 Mc. I.F. and worked into a BC-342-N.
Very, very HOT. I periodically kick my self in the butt for trading
it of on some piece of junk. AAARRRRGGGHHH!

Mike...K6SQJ
Sacramento CA
bammoore@pacbell.net

Date: Fri, 22 Aug 1997 11:39:09 -0500
From: Lee Blaske <lblaske@pclink.com>
To: boatanchors@theporch.com
Subject: Orange Drop Installation
Message-ID: <v03007800b02370544c93@[206.11.1.134]>

Please excuse this if it's been covered recently. I'm embarrassed to say
I've forgotten the convention.

With non-polarized caps like orange drops, does the band on the RH side
indicated the outside of the shield, or the inside. In other words, is it
best to connect the banded, or non-banded side to ground?

73,

Lee Blaske N0IZ

Date: Fri, 22 Aug 1997 10:28:05 -0700
From: Edward Zeranski <ejz@nosc.mil>
To: "Joseph W. Pinner" <kc5ijd@sprintmail.com>
Cc: boatanchors@theporch.com, military-radio-guy@juno.com
Subject: Re: AN/GRC-9
Message-ID: <3.0.1.32.19970822102805.006a2264@marlin.nosc.mil>

Here is Wim's email address which I must have cut from my previous post:
kramer.communications@pi.net
Sorry Joseph and BA folks, guess I was worried about over quoting!

Wim said.....

I'm working on the

>>>production of a new 'Military Radio Magazine' dealing with all aspects
>>>of collecting, repair, use, and original use of military, spy and other
>>>interesting communications equipment. We hope to be able to send out
>>>the first issue this autumn.

>

>Ed,

>

>Did not see Wim's email address in your post -

>73

>Joseph W Pinner

Ed Zeranski This is a private opinion or statement.

home email: ezeran@cris.com

Date: Fri, 22 Aug 1997 10:36:55 -0700

From: "Ian Abbott" <ian@gene.COM>

To: boatanchors@theporch.com

Subject: Uncle Sam's tube stash

Message-ID: <9708221036.ZM11502@emerald.gene.com>

Hello-

Anyone interested in current and future sales of surplus tubes should
check out this website:

<http://131.87.1.51/asset/pubgeo>

You can search the Defense Reutilization and Marketing database

--

~~~~~  
Ian E. Abbott | abbott.ian@gene.com

This message is personal and does \*not\* represent Genentech Inc.

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Date: Fri, 22 Aug 1997 10:52:26 -0700

From: "Ian Abbott" <ian@gene.COM>

To: boatanchors@theporch.com  
Subject: (complete message) Uncle Sam's tube stash  
Message-ID: <9708221052.ZM26146@emerald.gene.com>

(Sincere apologies for the incomplete message that I just sent- I was clicking between windows and hit the "Send" button before I was finished!)

Uncle Sam still has some tubes on hand-

You can see what surplus tubes are up for bid or may be in the future at the following website:

<http://131.87.1.51/asset/pubgeo>

This is a database search page for the Defense Reutilization and Marketing Service. Try the following:

Select "Electrical/Electronic Components" under "Commodity Group"

Enter "electron tube" in the  
"Product name" field

Leave section B blank

Select "All" in Section C

And then in Section D specify the region of the US or the world that you're interested in searching and click the "Submit Search" button.

A lot of what's for sale are CRTs, klystrons, and other things that aren't of much BA value, but there are a surprising number of familiar tubes here and there in the DOD's attic.

You can even submit a bid on any of the tubes that are currently up for bid by clicking a link at the bottom of the database search results.

What's out there? There are 6SN7GTs and 5U4GBs at Great Lakes IL, for example. There's 4050 (!) 5025s at Hill AFB, UT- I don't have my tube manual, wonder what those are???

Have fun searching-

IEA

--

~~~~~  
Ian E. Abbott | abbott.ian@gene.com
This message is personal and does *not* represent Genentech Inc.

Date: Fri, 22 Aug 1997 10:56:51 -0700
From: "Ian Abbott" <ian@gene.COM>
To: boatanchors@theporch.com
Subject: CORRECT URL FOR SURPLUS TUBES
Message-ID: <9708221056.ZM12842@emerald.gene.com>

Okay, okay, it's been a long week. Maybe I'll get this right on the third try!

The URL for the surplus database search form is:

<http://131.87.1.51/asset/pubgeo.html>

I left off the ".html" extension in my first postings.

As Homer Simpson would say, "D'oh!"

IEA

--

~~~~~  
Ian E. Abbott | abbott.ian@gene.com  
This message is personal and does \*not\* represent Genentech Inc.

-----  
Date: Fri, 22 Aug 1997 12:08:19 -0700  
From: "Larry" <rau@wco.com>  
To: "boatanchors" <boatanchors@theporch.com>  
Subject: A-54 and Hi-Fi AM Era Mode wars Nuisance Range  
Message-ID: <199708221810.LAA16774@shell.wco.com>

The carbon or dynamic was considered a user option on the Multi Elmac A-54, and both mic amp circuits are shown on the Diagram. Most were shipped for carbon mics as the T-17 was plentiful and cheap ( and god

awful), whild dynamic mics were both fragile crystal deals, and expensive. The A-54 is fun to have, but is a crummy radio especially with regard to mechanical stability. compared to the Af-67.

Hey guys listen up.. The AF-67 sounds just as good as any ranger.. makes just as good a driver, and guess what they only cost \$ 50 to 80 buckaroos.. compared to many times that for a ranger. Resist using B+ higher than 600 volts absolute key up max...which means you need a dropping resistor if you want to use that hand dandy and other wise perfect Heathkit HP-23 power supply.

The Hey day of High Fidelity Am was the late 30's up until WWII and then after the war, when lots of GI's came back they got on the air with lots of low powered 80 meter and 10 meter mobile which they used much as 2m is used today for local communications, commut ragchewing etc... which is where the 'talk power and speech clipping came from.. making a 6 watt output am mobile rig work on HF is HARD. At home these same guys likely had hi fi or moderate fi ( valliant/ranger) rigs or globe kings etc. Later as SSB and AM existed in more or less equal numbers.. during our infamous period of the " Mode Wars" between AMer 's and SSBer ( which god forbid some people would like to resurrect) AM guys who wanted to work DX Phone for DXCC and the like adopted clipping and compression to boost average percentage of modulation and restrict audio band width for maximum intelligibility over the long haul. They never argued that it sounded good.. in fact the "fatigue factor" was widely written about and discussed. What they did say was that you could hear it when the Hi-Fi guys couldn't get through even with barrels of light dimming power.

Reduction of carrier level also reduces the Nuisance Range of AM signals..with a consequent improvement of relationships on the phone bands..especially at night. I was a kid listening to all this, and it was then endlessly fascinating.. I had no idea at the time that it was also historical.

Larry Rau W6WUH

-----  
Date: Fri, 22 Aug 1997 11:33:15 -0700 (PDT)  
From: Bob Okas <vintage@best.com>  
To: Lee Blaske <lblaske@pclink.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Orange Drop Installation  
Message-ID: <Pine.SGI.3.95.970822111517.6151B-100000@shellx.best.com>

Hello Lee and Gang,

The convention I've always understood is that the banded end indicates the outside foil and should be connected to the cold end.

Now a few questions. From where did this come? Is the intent to make the electrically colder side closer to the 'skin' of the cap so that a hull breach would expose a lower voltage first? From a purely electric sense, it shouldn't matter. The conventional schematic symbol for a non-polarized cap shows a flat plate facing a convex-curved plate. Is it correct to assume that the flat plate side of the symbol means the 'inner foil' of a cap while the curved represents the shield? It's been a while for me, too!

Thanks,  
Bob - W3CD

On Fri, 22 Aug 1997, Lee Blaske wrote:

> With non-polarized caps like orange drops, does the band on the RH side  
> indicated the outside of the shield, or the inside. In other words, is it  
> best to connect the banded, or non-banded side to ground?  
>

-----  
Date: Fri, 22 Aug 1997 11:47:59 -0700  
From: Ken\_Warren@beavton.k12.or.us (Ken Warren)  
To: boatanchors@theporch.com  
Subject: Re: Orange Drop Installation  
Message-ID: <957271965.56733610@beavton.k12.or.us>

I was taught that the outside foil of a cap was connected to ground to provide shielding for the element being grounded, thus you would not have quite as much lead in the form of outside foil sticking out to pick up stray RF signals and such.

Ken Warren K7RPX

Ken\_Warren@beavton.k12.or.us  
KenwK7RPX@worldnet.att.net  
--  
Beaverton School District  
Beaverton, Oregon

-----

Date: Fri, 22 Aug 1997 14:16:54 -0500  
From: Clark Thompson <cmthomp1@facstaff.wisc.edu>  
To: boatanchors@sco.theporch.com  
Subject: Heath CT-1 manual  
Message-ID: <33FDE5A6.190A@facstaff.wisc.edu>

Hello Anchorites,

I finally located one of these useful little boxes. Now I need a manual. W7FG doesn't have one. Anyone have one they could copy for me? I will, of course, pay all associated expenses. Thanks in advance.

73,

Clark, KD9QI

cmthomp1@facstaff.wisc.edu

-----  
Date: Fri, 22 Aug 1997 16:00:51 -0400 (EDT)  
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>  
To: Ian Abbott <ian@gene.COM>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: (complete message) Uncle Sam's tube stash  
Message-ID: <Pine.A32.3.91.970822155945.25555C-100000@ppdu.nrl.navy.mil>

Ian,

I found that I had to use

<http://www.drms.dla.mil/asset/pubgeo.html>

for the netsite address for DRMS search.

Paul Bernhardt

|                           |                              |
|---------------------------|------------------------------|
| Work: P.A. Bernhardt      | Home: Paul Bernhardt, KF4FOR |
| Code 6794                 | 5704 Ridge View Dr.          |
| Naval Research Laboratory | Alexandria, VA 22310         |
| Washington, DC 20375      |                              |
| Tel: 202-767-1096         | 703-960-9656                 |
| FAX: 202-767-0631         |                              |

On Fri, 22 Aug 1997, Ian Abbott wrote:

> (Sincere apologies for the incomplete message that I just sent- I was  
> clicking between windows and hit the "Send" button before I was finished!)

```
> Uncle Sam still has some tubes on hand-
>
> You can see what surplus tubes are up for bid or may be in the future at the
> following website:
>
>   http://131.87.1.51/asset/pubgeo
>
>   This is a database search page for the Defense Reutilization and
> Marketing Service. Try the following:
>
>   Select "Electrical/Electronic Components" under "Commodity Group"
>
>   Enter "electron tube" in the "Product name" field
>
>   Leave section B blank
>
>   Select "All" in Section C
>
>   And then in Section D specify the region of the US or the world that
> you're interested in searching and click the "Submit Search" button.
>
>   A lot of what's for sale are CRTs, klystrons, and other things that
> aren't of much BA value, but there are a surprising number of familiar tubes
> here and there in the DOD's attic.
>
>   You can even submit a bid on any of the tubes that are currently up
> for bid by clicking a link at the bottom of the database search results.
>
>   What's out there? There are 6SN7GTs and 5U4GBs at Great Lakes IL, for
> example. There's 4050 (!) 5025s at Hill AFB, UT- I don't have my tube manual,
> wonder what those are???
>
>   Have fun searching-
>
>   IEA
>
> --
> ~~~~~
> Ian E. Abbott | abbott.ian@gene.com
> This message is personal and does *not* represent Genentech Inc.
>
>
>
>
>
>
>
```



-----  
Date: Fri, 22 Aug 1997 14:52:43 -0700  
From: "Ian Abbott" <ian@gene.COM>  
To: John Shriver <jas@shiva.com>  
Cc: boatanchors@theporch.com  
Subject: Re: (complete message) Uncle Sam's tube stash  
Message-ID: <9708221452.ZM98@emerald.gene.com>

(I hope John doesn't mind my posting his message and my reply to the list- he makes a good point...)

John-

Yeah, unfortunately you're right. Somewhere in the DRMS web you can find the results of each auction and see who the winning bidder was \*and\* how much they bid. It's informative. It's a cinch that the big outfits have contacts all over the country working on this- you and I are limited by how far we're willing to travel to pick something up since the DRMS won't ship.

Oh well. It's fun to daydream about rows and rows of dusty little boxes full of JAN toobs.

IEA

On Aug 22, 3:20pm, John Shriver wrote:

> Subject: Re: (complete message) Uncle Sam's tube stash  
> And remember, since you are bidding against the sharpies from AES,  
> Fair Radio, Davilyn, etc., that if you win the bid, you probably bid  
> too much. You probably also have more tubes of a type than you can  
> use in a lifetime, and probably paid more than you can sell them for  
> wholesale...  
>  
> The process is rigged against the little guy. We're a nuisance to  
> them.  
>-- End of excerpt from John Shriver

--  
Just me and the pygmy pony, over by the dental floss bush...

~~~~~%~~~~~  
Ian E. Abbott | abbott.ian@gene.com %
Genentech, Inc. | Voice: 415.225.1793 %
Fermentation/Recovery | Pager: 415.655.9160 <"{}{}{}"><
Information Systems Group | Fax: 415.225.3541 _| _|

Date: Fri, 22 Aug 1997 15:39:37 -0400
From: Walt Novinger <novingew@cadvision.com>
To: boatanchors@theporch.com
Subject: Racal manual needed, please
Message-ID: <3.0.32.19970822153716.00683d2c@cadvision.com>

I need the users/service manual for the Racal RA-121B ISB adapter for the RA-17/RA-117. Happy to pay copying costs, postage, etc..

Thanks,
Walt

=====

| | |
|--|-------------------------------------|
| Walt Novinger | Real Radios Keep You Warm At Night! |
| Collector of hollowstate communications receivers and test equipment | |
| <<<Note new email address>>> | novingew@cadvision.com |

Date: Fri, 22 Aug 1997 21:32:16 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Boatanchors <boatanchors@sco.theporch.com>
Subject: Navy RCH RCVR questions/comments
Message-ID: <Pine.ULT.3.96.970822211204.1087C-1000000@admin.aurora.edu>

A while ago I asked about the RCH and one person thought it was one of the "entertainment" sets and one did not. Well, I dunno, but I don't think I would classify it as one. For one thing- it misses the BC band in its coverage. For another, it has a BFO as well as an audio clipper (in the CW mode).

One question I have is about refinishing the front panel. This is a black rack panel and the lettering is the raised surface of the metal itself. How does one repaint such a thing? Just paint it and try and sand the paint off the raised lettering?

Also, what was the intended use for this guy? And what was the matching speaker (if any)?

Someone told me they were not really impressed with the receiver. I think

it is one of those that kinda has to grow on you. It's not real pretty, and it doesn't have an S meter (which I really miss). But it is really built rugged, beautiful harnessed wiring, and super shielded. It has anti-backlash gearing and a back-lit dial. It is also quite stable after a normal warm-up period. It is a general coverage job in the true sense of the word in that it lacks in the bandspread dept. A BC-348 is much better in that regard, particularly above 10 MC. The IF, which seems to be an odd 580KC, is a bit broad perhaps, but as a result has decent fidelity on AM signals. Similar to the BC-348, it has a single "gain" control that controls audio on AM and RF gain on CW mode.

The CW pitch control has way too much variation, which I cured by removing all but 2 of the variable capacitor plates. Now it tunes plus/minus 2KC. This thing has sat idle since the 60's when it was partially re-tubed. All tubes checked like new and so far the only sick component was an open 25uf bypass cap across the 6V6 cathode resistor. Most of the caps are the rectangular bathtub types.

It's a good "band cruiser" receiver and good on CW and SSB if you don't mind riding the gain control (like most simple diode detector receivers).

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Fri, 22 Aug 1997 20:05:19 -0700 (PDT)
From: Dick Dillman <ddillman@igc.apc.org>
To: qrp-l@lehigh.edu, boatanchors@theporch.com
Subject: Burning Man Radio
Message-ID: <2.2.16.19970822200401.349f3310@pop.igc.org>

Greetings folks. W6AWO will be on the air from approximately 27 August to 31 September. That in itself is a rare event but I'm writing to say that I'll be operating QRP portable from the Burning Man event in the Black Rock Desert about 100mi. NNE of Reno, NV.

For those who have not seen reports of this event it's several days of art and wildness culminating in the burning of the 40ft. tall, explosives-packed figure of a man. Thus my schedule is apt to be a bit, how shall we say?... Erratic. But as shrapnel permits I'll be hanging around the QRP frequencies of 7.040 and 10.116MHz and happy to work all comers. I'll even make up a special Burning Man QSL card if there's any interest in such a thing.

73,

Dick

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Fri, 22 Aug 1997 20:52:03 -0700
From: Larry Boyle <lbkd6wi@ns.net>
To: Boatanchors list <boatanchors@theporch.com>
Subject: SX101 MK1A
Message-ID: <33FE5E62.E49263AB@ns.net>

Looking for a parts rig. Picked a SX101 up and the main tuning shaft is warn out. I don't know if they are all the same but what I mainly need is the main tuning shaft. The part that meshes with the gear is stripped so the unit wont tune smooth. Any help?? Larry B. KD6WI
Placerville Ca.

End of BOATANCHORS Digest 1635

>From ???@??? Sat Aug 23 22:18:46 1997
Message-Id: <199708240215.VAA02933@sco.theporch.com>
Date: Sat, 23 Aug 1997 21:15:23 CDT
Subject: BOATANCHORS digest 1636

BOATANCHORS Digest 1636

Topics covered in this issue include:

- 1) Cleaning out -- Box Number 1
by Larry Keith <KQ4BY@IX.NETCOM.COM>
- 2) MANAULAS NEEDED: GE & BECKMAN
by Robert Fowle <hammarlund@jacksonmi.com>

- 3) WTB: Gonset Communicator IV (6M)
by w4bld@juno.com (Robert B. Kerby)
- 4) Re: A-54 and Hi-Fi AM Era Mode wars Nuisance Range
by "David L. Thompson" <thompson@mindspring.com>
- 5) 6-meter A.M. radios
by bammoore <bammoore@pacbell.net>
- 6) SX-99, hamfest
by William Donzelli <william@ans.net>
- 7) Wanted: Heath Warrior Amp Transformer
by w8xq@juno.com (JEFF D WILDER)
- 8) R390A Question ?
by w8xq@juno.com (JEFF D WILDER)
- 9) Surplus Sales Cat.
by Leslie Zwiebel <wb6orz@pacbell.net>
- 10) Re: 6-meter A.M. radios
by azoth@netcom.com (Az0th)
- 11) WANTED: Manual for Gonset GSB-201
by Mike Sewell <K0CRX@compuserve.com>
- 12) Supreme 6 mtr SSB xmtr
by Spencer Petri <spetri@e-tex.com>
- 13) Gear & Literature FS
by don merz <71333.144@CompuServe.COM>
- 14) Clandestine Radios, SSTR series
by Larry Kayser <lkayser@rideau.net>
- 15) Collins Lumiline
by Sandra L Knepper <slkst29+@pitt.edu>
- 16) Want to trade some manuals for other manuals...
by Mike Sanders <k0az@i1.net>
- 17) Johnson Sell/Trade
by "Larry" <rau@wco.com>
- 18) WTB Mars am mobile xmtr
by "Larry" <rau@wco.com>
- 19) F.S. 6/2 m AM Poly + Ameco
by "Larry" <rau@wco.com>
- 20) Re: 6-meter A.M. radios
by "michael ferraro" <ferraro@sprintmail.com>
- 21) F.S. Motorized Mobile Ant/Tuner
by "Larry" <rau@wco.com>
- 22) FS Classic Collins Station
by "William B. Ross" <billross@txdirect.net>
- 23) FS:\$1 tubes
by Ethan Emeson <ethan@olywa.net>
- 24) Info needed...
by Ken Gordon <keng@uidaho.edu>

Date: Sat, 23 Aug 1997 08:21:29 -0400

From: Larry Keith <KQ4BY@IX.NETCOM.COM>
To: boatanchors@sco.theporch.com
Subject: Cleaning out -- Box Number 1
Message-ID: <33FED5C9.630D@IX.NETCOM.COM>

These are items that I found in a box under my workbench. Since I am trying to clean out the shack (my five-year plan!), I have the following literature/books for sale. All items are in good condition unless otherwise noted. Prices include postage. Offers considered. Discounts for quantity buys, etc... contact me at kq4by@ix.netcom.com. I am extremely busy, at work, these days but I do try to read my e-mail each night. Please be patient.

73,

Larry, KQ4BY

1. Instruction Book for Navy Model RDR Radio Receiving Equipment. \$10.00
2. Lakeshore Industries Band-Hopper vfo Operating Manual. \$5.00
3. GE Ham News, March-April, 1961. Contents: SSB-600 Grounded Grid Linear Amp, Simple Sensitive Multimeter, 1960 Edison Radio Amateur Award. \$4.00
4. GE Ham News, July-August 1962. Contents: A Complete 20 watt 144 MC SSB/CW Exciter, Scanning the Spectrum. \$4.00
5. GE Ham News, Spring 1963. Contents: KCS Compactron Amateur Band Receiver, Meet Your Editor, Addresses to Obtain Information on GE Products. Fair condition. \$4.00
6. GE Ham News, March-April 1958. Contents: Double Sideband Junior, 1957 Edison Award Winner - K5BQT, Reader Survey, Sweeping the Spectrum. \$4.00
7. GE Ham News, March-April 1955. Contents: Operation Crystal, Low-pass Audio Filter, Thumbnail Theory. \$4.00
8. Eimac application note, circa 1958, containing an article by W6KEV describing a 6 meter transmitter using a 4CX300A. \$3.00
9. GE pamphlet, Television Picture Tubes Replacement Guide. Contains basic specification data and base diagrams. \$3.00
10. GE Techni-Talk, Spring 1963. Contents: How to Measure HV Rectifier Filament

Voltage, Bench Notes, Service Notes. A TV-service pub.. Fair Condition. \$3.00

11. Electro-Voice Spec Sheet for Model 623 Microphone. \$2.00

12. Operating and Maintenance Instructions for Type 1932-A Distortion and Noise Meter. \$4.00

Date: Sat, 23 Aug 1997 09:17:09 -0400
From: Robert Fowle <hammarlund@jacksonmi.com>
To: BOATANCHORS@LISTSERV.TEMPE.GOV
Cc: ham-books@qth.net, boatanchors@theporch.com
Subject: MANULAS NEEDED: GE & BECKMAN
Message-ID: <33FEE2D5.7DB5@jacksonmi.com>

I need manuals for the following (and or info on)
beckman 5424-16...freq (?) meter..rackmount unit..

General Electric, model 4SR1A1 single sideband selector..
also rack mount...

any body able to help here..?
thank you

--
Best Regards Robert Fowle KC8DBC
my shipping address is: 1215 Winifred..Jackson, Mich. 49202-1946
ICQ web pager: <http://www.mirabilis.com/649056>
My Web Page: <http://www.jacksonmi.com/hammarlund>

Date: Sat, 23 Aug 1997 09:11:47 EDT
From: w4bld@juno.com (Robert B. Kerby)
To: boatanchors@theporch.com
Subject: WTB: Gonset Communicator IV (6M)
Message-ID: <19970823.081216.5031.19.W4BLD@juno.com>

The title says it. Thanks for any help. Bob

Robert B. Kerby - w4bld@juno.com
PO Box 991 (231 Rosser Avenue)
Waynesboro, VA 22980 (540) 942-4356
Collect: Morrow, Gonset, Elmac

Date: Sat, 23 Aug 1997 10:29:15 -0400 (EDT)
From: "David L. Thompson" <thompson@mindspring.com>
To: boatanchors@sco.theporch.com
Subject: Re: A-54 and Hi-Fi AM Era Mode wars Nuisance Range
Message-ID: <1.5.4.16.19970823093320.342f9ad0@pop.mindspring.com>

At 12:08 PM 8/22/97 -0700, Larry Rau W6WUH wrote:

snip

>The A-54 is fun to have, but is a crummy radio especially with regard to
>mechanical stability. compared to the Af-67.

>

The VF0 is not as stable as the AF-67 and modulation (H model) is about 80%
max. It is fun to use...

>Hey guys listen up.. The AF-67 sounds just as good as any ranger.. makes
>just as good a driver, and guess what they only cost \$ 50 to 80 buckaroos..

The AF-67 is a real match for the Ranger. It does cost less and its less
complicated to maintain.

>Resist using B+ higher than 600 volts absolute key up max...which means
>you need a dropping resistor is >you want to use that hand dandy and other
>wise perfect Heathkit HP-23 power supply.

Thats sound advice. If you use the PS2V (450 to 475V) or the M1080/1070 you
have no need to worry. However, in the Elenco 77 (same era, pp 807's) W90HM
put 1000V on the 807's. It works...so go figure.

>

>Later as >SSB and AM existed in more or less equal numbers.. during our
infamous >period of the " Mode Wars" between AMer 's and SSBer Snip
>AM guys who wanted to work DX Phone for DXCC and the like adopted clipping
and compression to boost average >percentage of modulation and restrict audio
band width for maximum >intelligibility over the long haul. They never argued
that it sounded good..

In talking to Charlie Mellon W1FH a few years ago...the real phone DXers had
found out about clipping, compression et al even in the late 30's. Boosting
average AM talk power did spread after WW II (Charlie was top dog for many
years on AM). The turf wars between SSB and AM really did not hit until
1958 or 9. Thanks to Collins and the KWM1 many DXpeditions only carried SSB

and CW so you called on AM hoping they would copy you on exalted carrier. I went thru that with EA9CA (Ifni EA2CA op). Then with ZM7DA later that year (1959). In both cases I called for 7 or 8 hours. I worked EA9 but W5DYJ loaned me his 32S1 and it took 20 minutes the next nite to nab the ZM7. The SB-10 was ordered that day!!! Collins was way outta my league as a newsboy/high schooler..

The only guys I knew who could argue successfully with SSB were W3PHL and the ultra/super modulation mode types.

What most forget is that most of us looked at applying the same or similiar techniques on SSB. The AM Hi-Fiers now on SSB used "flat response" mics like the 10D. I bought a 10D from Southern Radio in New Orleans, but when YS1JR said I sounded mushy the D-104 came back out. YS1JR said I sounded 20DB stronger. 9N1GW (Glen Ward) told the same thing the next day on 20 long path. On SSB a whole market sprung up for speech clippers (remember the BW Clip Amp) and later audio and Rf speech processors. Since our modulation on SSB is usually done at lower level than AM we needed audio filtering (get the audio into 200 to 2500 or 3000CPS) and then the processor actually broke the signal into multiple parts and put it back together again (look at the write ups on the VOMAX or the Dx Engineering processors). Clipping or plain audio compression was found to be ineffective due to this low level generation of the SSB modulation. Then after a few years the manufacturers realized they could get a few more bucks for the rig with a processor so they made them standard issue.

Wonder what the VOMAX would do with my BW 5100B???

Here's to more AM punch for all!

73, Dave K4JRB

Date: Sat, 23 Aug 1997 07:42:26 -0700
From: bammooore <bammooore@pacbell.net>
To: boatanchors@theporch.com
Subject: 6-meter A.M. radios
Message-ID: <33FEF6D2.11EE@pacbell.net>

> Few AM transceivers were around in Six Meter's Golden Age of
> 1957-58. Only the upright Gonsets, Communicators I, II, and III
> were available when the sunspots, Civil Defense and the last
> burst of homebrewing combined to make 6M more active than 2M is today.

One other radio that was popular during this time was only available on

the west coast. A small operation in the L.A. area produced a radio called the Black Widow. It was available for 6, 2, and 1.25 meters. An outstandingly beautiful radio: red case with black knobs and a velvet smooth vernier tuning dial. Each radio was handmade and no two were ever alike - I was told that the builder drank beer while making these radios and tended to make 'improvements' as he went along. Offering him a case prior to building your radio got you a real custom radio. Probably less than 500 radios were made. Worked guys using the 6-meter versions and last year I saw a 220 version. Talk about rarest of the rare.

Anyone got one they want to sell cheap? :)

Mike...K6SQJ
Sacramento
bammoore@pacbell.net

Date: Sat, 23 Aug 1997 11:34:57 -0400 (EDT)
From: William Donzelli <william@ans.net>
To: boatanchors@theporch.com
Subject: SX-99, hamfest
Message-ID: <199708231534.AA09511@interlock.ans.net>

Thank you all for wanting the SX-99 with the speaker. If I had more, we would all be happy. A new home has been found for it.

Also, quite a few people have asked me what is being "sold out" at Woodstock this Sunday. Nothing great for BA use, except for some old Lambda high voltage supplies, and a big box (50 pounds) of (mostly) "Ham Radio" magazines (a few "CQ"s and "73"s as well) from the 1970s and 80s.

If anyone wants these things, speak up, because tomorrow they go to the fest (and may not come back!).

William Donzelli
william@ans.net

Date: Sat, 23 Aug 1997 12:17:34 EDT
From: w8xq@juno.com (JEFF D WILDER)
To: boatanchors@theporch.com
Subject: Wanted: Heath Warrior Amp Transformer
Message-ID: <19970823.121613.5255.3.W8XQ@juno.com>

Hello

Still looking for heath HA-10 Warrior amp plate transformer. Is somebody parting one out?
Please reply if you can help

" Forever AM "
Jeff D Wilder (W8XQ)
Email : w8xq@juno.com
Phone: (616) 381-4133

Date: Sat, 23 Aug 1997 12:17:34 EDT
From: w8xq@juno.com (JEFF D WILDER)
To: COLLINS@LISTSERV.TEMPE.GOV, boatanchors@theporch.com
Subject: R390A Question ?
Message-ID: <19970823.121613.5255.1.W8XQ@juno.com>

Hello People
I have a R390A that has seemed to be loosing sensitivity. I notice the carrier meter had changed its zero setting. Since then it seems to had lost recv gain. I had already gone through alignment procedures before this incident and the recvr was working excellent. Before I go after this problem I thought maybe someone out there might have experienced this and could share this with me. Thankyou
,

" Forever AM "
Jeff D Wilder (W8XQ)
Email : w8xq@juno.com
Phone: (616) 381-4133

Date: Sat, 23 Aug 1997 09:33:54 -0700
From: Leslie Zwiebel <wb6orz@pacbell.net>
To: boatanchors@theporch.com
Subject: Surplus Sales Cat.
Message-ID: <33FF10F2.6A1A@pacbell.net>

I e-mailed Surplus Sales and received a reply that the catalogues will be mailed out next week.
73, Les

Date: Sat, 23 Aug 1997 12:37:52 -0400 (EDT)
From: azoth@netcom.com (Az0th)
To: boatanchors@theporch.com (Boatanchors List)
Subject: Re: 6-meter A.M. radios
Message-ID: <199708231637.MAA04004@netcom6.netcom.com>

Hi Mike,

> One other radio that was popular during this time was only available on
> the west coast. A small operation in the L.A. area produced a radio
> called the Black Widow. It was available for 6, 2, and 1.25 meters. An
> outstandingly beautiful radio: red case with black knobs and a velvet
> smooth vernier tuning dial. Each radio was handmade and no two were ever
> alike - I was told that the builder drank beer while making these radios
> and tended to make 'improvements' as he went along. Offering him a case
> prior to building your radio got you a real custom radio. Probably less
> than 500 radios were made. Worked guys using the 6-meter versions and
> last year I saw a 220 version. Talk about rarest of the rare.

I've got a 2m version here, with manual and PS, SN 201. It's in a gray case with red knobs. It's got xtal controlled xmit, VFO rcv, and a big black spider decal above the little VFO dial, which isn't a vernier. I still need to find a mike connector for it, to mate with its BIG, round, 4-pin female jack; the manual indicates a standard 1/4" jack, so it's anybody's guess whether this one is a mod or a production variation. A warranty card is stapled to the inside front cover of the manual, and is numbered 636, which suggests that either this manual and this radio don't match (and that at least 636 rigs were made), or that the warranty numbers and radio SNs don't necessarily track.

I've got a uuencoded jpeg of it, if you'd like to take a look. The radio itself is only 5"x9"x6" (HxWxD), and weighs about 7.5 lbs. It uses a 2E26 final, and a pair of 6AQ5s (driven by a 6AU6 speech amp, and a 12AU7 phase splitter) in the push-pull plate modulator. A 6U8 operates as a 3rd overtone xtal osc and tripler, followed by a 5763 doubler. The front panel meter monitors the osc., the doubler, and the final grid, which are tuned for max, and the final plate, which is dipped as usual. It's also got positions for the S-meter, which reads right to left, and the modulator. It will load from 6-8 watts into 50 ohms.

The receiver is a single conversion superhet with 1 RF amp (6BZ7) and 3 stages of 6 Mc IF amplification(6BJ6), ANL and AGC. The first detector is a 12AT7, and the 2nd a 6R8, followed by a 5687. The schematic in the manual is dated 1955, designed by J.E. Rogers in June, drawn by AJ(?) Devenish in August, and approved by both in September.

> Anyone got one they want to sell cheap? :)

Nope. ;-)

73 de KF4FJH - RF Buchanan

Date: Sat, 23 Aug 1997 12:51:07 -0400
From: Mike Sewell <K0CRX@compuserve.com>
To: BOATANCHORS <boatanchors@theporch.com>
Subject: WANTED: Manual for Gonset GSB-201
Message-ID: <199708231251_MC2-1E04-61C2@compuserve.com>

To refresh hazy memories, the GSB-201 is a four 811A, 80m - 10m, desktop linear amplifier.

I'm looking for a good, readable, clean, complete manual, original OR copy.

Will pay appropriately.

Tnx es 73, Mike
K 0 Collects Radios eXclusively/WPE0CFK

Date: Sat, 23 Aug 1997 12:18:22 -0500 (CDT)
From: Spencer Petri <spetri@e-tex.com>
To: boatanchors@theporch.com
Subject: Supreme 6 mtr SSB xmitter
Message-ID: <m0x2Jp0-0001HfC@e-tex.com>

Hello vacuumologists,

Has anyone here actually seen one of these txs. They were advertized in 73 mag in the mid or early 60s. I have serial nr 001 which looks like an engineering model. This is the vfo version. Was this it or were some actually produced and sold?

Anyone have a clue?

73 de Pete WA5JCI EM21 "the future will be better tomorrow"

.....
6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC #361/622 Grids
.....
2 Mtr -- 36 States -- VUCC #346/183 Grids

Date: 23 Aug 97 15:05:42 EDT
From: don merz <71333.144@CompuServe.COM>
To: <boatanchors@theporch.com>
Subject: Gear & Literature FS
Message-ID: <970823190542_71333.144_DHB35-1@CompuServe.COM>

Boatanchors & Literature FS

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.
412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

Patterson PR-10 receiver. 1933-vintage radio covering .54mc-21mc.
With BFO and "R" meter. This one has decent but not excellent original
paint and dial bezels. No unoriginal holes. Chassis chrome is fair
but should cleanup to good. All knobs are not original. Unworking
and power transformer may be blown. \$150 as-is. NOTE: If the buyer
desires, I will send an original knob from my other PR-10 to Larry
Bondonardo to have castings made. There are 6 knobs on the PR-10 and
Larry would charge about \$40 to make a mold and cast these.
Heathkit GW-21 handheld, single-channel crystal-controlled CB transcievers
(pair). With original leather straps and intact whip antennas. Some
paint chips at edges but almost-excellent appearance. \$40/pair
Precision E-200 Signal Generator. Post-war signal generator that was
very popular. This is the earlier model, not an E-200-C, though they
look identical and use an identical tube lineup. Looks good but has
heavy nictotine stains on front panel. Leather handle is broken.
Complete. Original. Untested. \$6
Precision E-200-C Signal Generator. Same as above except this is the
later model. Looks very good all over. Leather handle is intact but
looks weak. Complete. Original. Untested. \$11
Ballantine 300 AC RMS voltmeter. 0-100V in 5 ranges. Looks good. AC
cord cut off. Complete. Original. Assumed to be unworking and needing
restoration. \$3

Knobs

E.F. Johnson Maroon knob with metal skirt. Single index line on
skirt. \$4.50
Hallicrafters SX-24, -25, S-20R etc. small round knob with index
dot. \$4
RCA knob, medium sized as used on AR-88 Selectivity, Range, etc.
and on military sets like the RBM, RBS, etc. \$5
J-38 original key knob. \$3.50

Key knobs almost identical to J-38 with threaded stud for attaching to key lever. Quality construction. \$3 each

Literature

QST: 1921: October (no cover): \$2.50
1923: January (cover loose): \$4

AWA Old Timer's Bulletins. These are fun to read and great references.
All \$2 each in excellent condition.

1977: 12
1979: 6
1985: 3,6,9,12
1986: 3,6
1987: 5,8,11
1988: 2,5,8,11
1989: 2,5,8,11
1990: 2,5,8,10
1991: 2,5,8

AWA Monograph #4: Priority In The Invention Of Radio: Tesla vs Marconi
by Leland Anderson (undated). 9 pages

Heathkit Catalogs. Excellent original condition unless noted.

1950: \$20 (sepia tone!)
1952: \$20 ("October Flyer")
1978: \$4 (#820-Spring)
1978: \$4 (#841)
1979: \$4 (#846)
1980: \$4 (#849)
1980: \$4 (#850)
1981: \$3 (#853--Spring/Summer)
1981: \$3 (Christmas)
1982: \$3 (#857)
1989: \$4 (#218--huh?--Christmas)

Heathkit V-4A VTVM "Assembling and Using" manual. Early green cover. Dated 1948. Excellent with original oversize construction drawings. \$8

Heathkit GW-31 handheld CB Transciever original manual. Writing on cover. Small format. \$8

WANTED

RCA AR-88 main tuning knob.
Heathkit Twoer Transciever manual copy.
Millen 90651 Grid Dip Meter manual copy.
Hickok 290X "AM Generator" manual copy.
Globe 6-2 VFO manual copy.
Hallicrafters SR-34 manual copy.

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.

412-234-8819 (weekdays, EST or leave a message anytime).
71333.144@compuserve.com

Date: Sat, 23 Aug 1997 16:27:21 -0400
From: Larry Kayser <lkayser@rideau.net>
To: boatanchors@theporch.com
Subject: Clandestine Radios, SSTR series
Message-ID: <2.2.32.19970823202721.006aa9b4@rideau.net>

Greetings:

During a visit to the Kingston, Ontario military telecommunications museum I found two unusual radio transmitters. These are labeled SST104 with serial numbers 279 and 282. They are plug compatible with the SST1E transmitters in the SSTR series of radios.

These small transmitters are mounted in a cast aluminum box with what looks like a water proof front panel.

Questions

Has anyone else ever seen a component of SSTR that was not built from sheet metal?

Has anyone every been inside one of these little transmitters?

New Subject:

I have read of three different containers for the SSTR radio sets. The first is the usual suitcase we are all familiar with. The second was a sheet metal case that was water proof as it came from the factory.

The third was a fibre case which was for portable travel operation. I have never seen one of these before myself until earlier this week. The case is very light, damp proof, but not water proof.

Question

Has anyone seen one of these fibre cases and can anyone tell me about the threatre of use in WW II or post WW II into the early 50's?

General Question

Does anyone know of any collector specializing in the SSTR set? I have a good collection of serial numbers which might be of interest to them.

If anyone has specific questions on the SSTR set please send them on, I am going to return to the museum in a few months on other radios and I could examine these radios in more detail.

Larry
VA3LK / WA3ZIA

Date: Sat, 23 Aug 1997 17:44:41 -0400 (EDT)
From: Sandra L Knepper <slkst29+@pitt.edu>
To: boatanchors@theporch.com
Subject: Collins Lumiline
Message-ID: <Pine.GS0.3.96L.970823174102.13955D-100000@unixs2.cis.pitt.edu>

I am in need of the shade and one clip for a 312A-1 speaker. Does anyone know a source?

Thank you.

Dave, W3BJZ
Publisher of the monthly Collins Journal

Date: Sat, 23 Aug 1997 17:12:30 -0500
From: Mike Sanders <k0az@i1.net>
To: boatanchors@theporch.com
Subject: Want to trade some manuals for other manuals...
Message-ID: <3.0.16.19970823171123.2eaf5b4a@i1.net>

Greetings All, Another recent adventure in dumpster diving proved to be another excellent afternoons pastime. I have acquired some more paperwork of a ham radio nature (of course). I am and have been in need of an original manual for a National HR050T1, a Johnson Courier amplifier, a Collins 75S1 receiver. I have for trade (I DO MEAN TRADE. I WILL NOT SELL.) excellent condition original manuals for the following.

Davco DR30 including brochure and CQ article reprint.

National NCX-5

Hallicrafters SX-115

Squires Sanders SS-1V video bandscanner

Drake TR3

National HR0500 (this manual is in good condition but not excellent.

The cover and back have separated and at some time
were scotched taped together.)

Zenith Trans-oceanic model G500 chassis 5G40
Johnson Pacemaker transmitter

I won't trade any of the rare manuals for a 75S1 manual obviously but
the others I will. The little Zenith brochure I can tack onto something
else for someone who needs it.

Thanks and 73, Mike K0AZ

P.S. I know there is a fat chance of connecting on this. But, I will
keep trying occasionally.

Date: Sat, 23 Aug 1997 17:20:14 -0700
From: "Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: Johnson Sell/Trade
Message-ID: <199708232322.QAA03110@shell.wco.com>

Well...3 guys who promised to buy didn't, so:

These are asking prices and change with the phases of the moon, your
attitude and mine.. I need the money, so close offers are probably good
enough. I would consider a servicable Globe Champ, old sytle DX-100,
sx-101 mk iii (160) nc 300/303 or HQ 170/180 or Globe King decks/iron
in trade. No junk.

You pay shipping, I'm broke.

1. Excellent Johnson Viking 1 and 122 VFO Package.. Cabinet and TVI Cage
, "perfect" panel, retubed, recapped, on the air, chassis is "clean enough
to eat off of". Cabinet is black with some paint chips. This belongs in
someones collection. Vfo is an 8, works fine. \$ 275 package or spilt
\$ 225 and \$ 90, xmtr goes first.

2. Johnson Mobile VFO and Viking Mobile Transmitter \$ 200 as a package
or \$ 125 each split.
both are 8's and untested but inspected, very clean chasis,no mods.

3. Johnson Mobile, some shaft couplings and a couple of wires loose, 1
scratch on panel in gray.
cracked bakelite xtal socket super glueable...servicable radio... \$
75.

Larry Rau

W6WUH
rau@wco.com
707-874-1000 before 10 PM PDT

Date: Sat, 23 Aug 1997 17:24:22 -0700
From: "Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: WTB Mars am mobile xmtr
Message-ID: <199708232326.QAA03635@shell.wco.com>

This was a tiny little am mobile unit.. made in japan for a guy who Lived
In San Rafael California.. I have the rest of the stuff he made, but not
the transmitter.

anybody got one ?

Larry W6WUH rau@wco.com

707-874-1000

Date: Sat, 23 Aug 1997 18:15:30 -0700
From: "Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: F.S. 6/2 m AM Poly + Ameco
Message-ID: <199708240018.RAA11510@shell.wco.com>

for sale or trade for: dead globe champ or DX-100 (160), OR SX101mk3
or similar rcvr
this is about the end of my collection:

1. Ameco 6 and 2 meter transmitter. 90 w input, quasi dufusoid
modulation which they claimed was neither heising nor controlled carrier
nor grid.. but there sure isn't any mod xfmr in this otherwise very nice
factory built transmitter. 110vac. Matching solid state VFO with built in
power supply, cal for 6/2/220.
? Xmtr shows a little rust bleeding through the white panel. but chasis is
clean.. go figure. Copy of manuals.
How about \$ 85. ?

2. Polycom 6/2 this is the best of the Ham VHF tube stuff except for the collins and who bought that ?.. yes a dual band radio in a lunch box size package. Nuvistor front end, 12VDC / 110 AC built in...dual vfos even ! Original astatic mic !. "works" but need work..schematic, no manual. \$ 50

Plus UPS...

Capt. Larry Rau W6WUH
Occidental Cal 95465

rau@wco.com 707-874-1000

Date: Sat, 23 Aug 1997 17:37:48 -0700
From: "michael ferraro" <ferraro@sprintmail.com>
To: <bammoore@pacbell.net>, "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: 6-meter A.M. radios
Message-ID: <199708240047.RAA25252@mailgate22>

mike: I have the 2mtr and the 6mtr black widow !! They were marketed through Arrow Electronics on Lankershim blvd in the San Fernando Valley around 58-59 i think.....i was using a Gonset III as a teenager and remembered when the black widow came out.....from my young prospective at the time (13yrs old) i thought "how could anything be better than the Goony 3 " !!!

now....where is that 220 black widow ?

73's de k6zsr "mike in montecito" (still looking for Gonset G-28 also)

-----Original Message-----
From: bammoore <bammoore@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Saturday, August 23, 1997 12:49 AM
Subject: 6-meter A.M. radios

>> Few AM transceivers were around in Six Meter's Golden Age of
>> 1957-58. Only the upright Gonsets, Communicators I, II, and III

> One other radio that was popular during this time was only available on
> the west coast. A small operation in the L.A. area produced a radio
> called the Black Widow. It was available for 6, 2, and 1.25 meters.
> Mike...K6SQJ

>Sacramento
>bammoore@pacbell.net
>
>

Date: Sat, 23 Aug 1997 19:12:22 -0700
From: "Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: F.S. Motorized Mobile Ant/Tuner
Message-ID: <199708240114.SAA19117@shell.wco.com>

F.S..... trade master mobile stuff with hustler fold over mast and ball mount ,as a package, for a ranger, globe champ, or a good reciever. These are asking prices, a package deal is possible.

1. Master Mobile motorized mobile antenna tuner with control head. Tuner is in Beautiful condition, with the original decals. The control box is scruffy, but a cinch to re-paint !.

Circa 1956, this is a 6/12v trunk mount motorized roller inductor for base impedance matching a mobile whip antenna. The 3" x 4 " x 2" deep hammertone grey control box has an center off dpdt motor control switch and a 2" square meter which indicates field strength via the looped-through BC car radio antenna. Tune for max and you are matched. This is the heart of a frequency agile and efficient mobile set up, then or now. The last time I saw one of these was 12 years ago! copy of original advertisement if you need it. \$ 150.

2. Master Mobile Center load coils. The man who wrote the Mobile Antenna Book told me these coils make the best non-motorized antenna you can get. 80, 40, 20, and 15. Original decals, and no UV damage. They mate with a standard foldover mast like the hustler (which is the old master mobile), and accept the standard 3/8ths /20 threads per inch whip.
\$ 80

3. Rafeled Motorized Antenna... Circa 1956.. this antenna uses a motor in the base and a loop of woven dacron fishing line to select various taps of a center loading coil. The coil dimensions and coil is very similar to the master mobile , so the efficiency should be quite high. No control box,but a dpdt switch and a feild strength meter are all you need.. a box a meter a diode, and a switch. how hard can it be ? Copy of the original advertisement if you need it. This unit was made in Los Angeles California, if you collect california radios, this is a rare rare rare

piece. Very rugged construction. \$ 85.

And that, my friends, really does empty the shelves around here. I hope this stuff will find good homes out there, and become part of your efficient mobile system, or your classic AM collection.

Larry Rau W6WUH
Occidental, Cal

rau@wco.com 707-874-1000

Date: Sat, 23 Aug 1997 20:31:02 +0900
From: "William B. Ross" <billross@txdirect.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS Classic Collins Station
Message-ID: <33FEC9F6.70E651FB@txdirect.net>

Fellow affectionados:

I'm only going to post this once, such is my ambivalence to part with it, but necessity forces me to list the following for sale:

Collins KWS1 AM/SSB/CW transmitter w/pedestal power supply.

Collins 75A4 AM/SSB/CW receiver w/o matching speaker.

Both units are clean and with good paint except that the pedestal power supply for the transmitter should be repainted. Even so, all units of the system are devoid of scratches, are undented and solid condition. Both units are equipped with the 5 to 1 gear reduction tuning knob and come complete with manuals. Both transmitter and receiver are unmodified (meet original factory specs) and the receiver contains 3.1kc SSB filter.

Asking \$1500 pick up San Antonio but will entertain offers via phone or direct E-mail only.

Bill Ross K5LLK
(210)653-3413

Date: Sat, 23 Aug 1997 17:38:53 -0700

From: Ethan Emeson <ethan@olywa.net>
To: BA list <boatanchors@theporch.com>
Subject: FS:\$1 tubes
Message-ID: <33FF829D.4FCC22E3@olywa.net>

PLEASE don't copy this entire list in your response!
NOS tubes.
Very limited quantity of most types (ie 1-5 tubes).
\$10 min. order.
+ \$3 for USPS priority mail shipping (under 2LBS).

| | | | | |
|-------------|------------|------------|------------|----------|
| 10CW5 | 10DE7 | 10DX8 | 10EG7 | 10EW7 |
| | 10GN8 | | | |
| 10JA8 | 10JY8 | 10LE8 | 11BM8 | 11BQ11 |
| | 11CA11 | | | |
| 11FY7 | 11KV8 | 11LQ8 | 11MS8 | 12A6Y |
| | 12AB5 | | | |
| 12AC10A | 12AD6 | 12AE6 | 12AE10 | 12AF3 |
| | 12AL5 | | | |
| 12AQ5 | 12AU6 | 12AV5GA | 12AV6 | 12AV7 |
| | 12AX3 | | | |
| 12AX4GTB | 12AY3A | 12AZ7 | 12AZ7A | 12B4A |
| | | | | |
| 12BE3 | 12BE6/HK90 | 12BF11 | 12BL6 | 12BQ6 |
| | | | | |
| 12BR7 | 12BT3 | 12BV11 | 12C5/12CU5 | 12CX6 |
| | | | | |
| 12DB5 | 12DT5 | 12EG6 | 12FK6 | 12FQ7 |
| | 12FX8A | | | |
| 12GC6 | 12GE5 | 12HL7 | 12MD8 | 12SA7/GT |
| | | | | |
| 12SG7 | 12SH7 | 12SJ7 | 12SK7 | 12SN7GTA |
| | | | | |
| 12SQ7 | 12SW7 | 12SX7 | 12T10 | 12W6GT |
| | 12X4 | | | |
| 13FD7 | 13J10 | 13V10 | 14BL11 | 15BD11 |
| | 15CW5 | | | |
| 15DQ8/PCL84 | 15FM7 | 15FY7 | 15HB6 | 15KY8A |
| | | | | |
| 15MF8 | 15MX8 | 16AQ3/XY88 | 16A8/PCL82 | 16AK9 |
| | | | | |
| 16AQ3 | 16GK6 | 16LU8A | 17AY3 | 17BE3 |
| | 17BR3 | | | |
| 17CU5 | 17DE4 | 17DQ6 | 17DW4 | 17JN6 |
| | 17X10 | | | |
| 18FW6A | 18FX6 | 18GB5 | 18GD6A | 19AU4GTA |
| | | | | |
| 19CG3 | 19EA8 | 19HR6 | 19JN8 | 19T8 |

| | | | | | |
|------------------|------------|------------|-------------|-------------|--------|
| | 1AD2A | | | | |
| 1B3 | 1BH2 | 1DG3A | 1H5GT/G | 1K3GT | |
| 1V23 | | | | | |
| 1X2C | 20EZ7 | 21KA6 | 21LQ6 | 21LR8 | |
| | 21LU8 | | | | |
| 22DE4 | 22JU6 | 25AX4GT | 25BK5 | 25BQ6 | |
| | 25C5 | | | | |
| 25CD6GB | 25CG3 | 25DK3 | 25DN6 | 25JZ8 | |
| | 25L6GT | | | | |
| 25W4GT | 25W6GT | 25Z6GT | 27GB5 | 2AS2A | |
| | 2AV2 | | | | |
| 2D21 | 2FS5 | 30AE3/PY88 | 32ET5A | 34CE3 | |
| 34GD5 | 34R3 | 35C5 | 35EH5 | 35Z3 | 36AM3B |
| | | | | | |
| 38HE7 | 38HK7 | 3AT2A | 3AU6 | 3BT2 | |
| 3BZ6 | | | | | |
| 3CB6 | 3CN3B | 3CS6 | 3CY5 | 3DK6 | 3dg4 |
| 3DT6 | 3GK5 | 3GS8 | 3HQ5 | 3KT6 | 4AU6A |
| 4AV6 | 4BC8 | 4BL8/XCF80 | 4CS6 | 4DT6A | |
| 4EH7 | 4GM6 | 4HA5 | 4HS8 | 4JH6 | 50B5 |
| 50EH5 | 50JY6 | 5642 | 5651 | 5654/6AK5 | |
| 5839 | 5915 | 5964 | 5AQ5 | 5BC3A | 5BE8 |
| 5BK7A | 5GH8A | 5GJ7 | 5GM6 | 5HZ6 | 5LJ8 |
| | | | | | |
| 5U9/LCF201 | 5X8 | 6197 | 6216 | 6485/6AH6WA | |
| 6919 | 6AB4 | 6AF4 | 6AG9 | 6AH6 | 6AH9 |
| 6AK5/5654 | 6AK6 | 6AL11 | 6AL5 | 6AS11 | |
| 6AU4GT/GTA | 6AU6A | 6AU8A | 6AV6 | 6AW8A | |
| | | | | | |
| 6AX4 | 6AX4GTB | 6B10 | 6BA11 | 6BA6 | 6BA7 |
| | | | | | |
| 6BF6 | 6BF11 | 6BH6 | 6BJ6 | 6BJ8 | |
| 6BK4/A/B | 6BK5 | 6BM8 | 6BN6 | | |
| 6BQ6/G/G/GT/GTA/ | 6BTB/6CU6 | | 6BV11 | 6BY11 | |
| | 6BX6/EF80 | | | | |
| 6C4/EC90 | 6CB6 | 6CD3 | 6CD6GA/6EX6 | 6CH3 | |
| 6CJ3/6DW4B | 6CK3/6CL3 | 6CM7 | 6CS7 | 6CU5 | |
| 6CU6 | 6CY7 | 6DE4 | 6DE7 | 6DG6GT | |
| 6DK3/6DL3 | 6DL5/EL95 | 6DN7 | 6DR7 | 6DT6A | |
| 6DW4B | 6DX8/ECL84 | 6EA7/6EM7 | 6EA8 | 6EB8 | |
| 6EC4A | 6EU8 | 6EV5 | 6EW6 | 6EW7 | 6EZ8 |
| 6F5 | 6FA7 | 6FG7 | 6FM8 | 6FQ5A/6GK5 | 6FY7 |
| 6G11 | 6GC5 | 6GE5 | 6GF5 | 6GF7A | 6GH8A |
| | | | | | |
| 6GJ7/ECF801 | | 6GM6 | 6GM8 | 6GN8 | 6GS7 |
| 6GW6 | 6GX6 | 6GY8 | 6HA5 | 6HB7 | |
| 6HE5/6JB5 | 6HG8/ECF86 | 6HQ5 | 6HZ6 | 6JB5 | |
| 6JC6A | 6JE6C | 6JH5 | 6JK8 | 6JM6 | 6JN6 |

| | | | | | |
|-------|-------|-------|-------------|-------|-------|
| 6JT8 | 6JZ8 | 6K6GT | 6KA8 | 6KY8A | 6KZ8 |
| 6LB6 | 6LB8 | 6LE8 | 6LH6A/6LJ6A | 6LR8 | |
| 6LU8 | 6LR8 | 6M11 | 6ME8 | 6MK8 | 6MQ8 |
| 6MU8 | 6MV8 | 6Q5G | 6S8GT | 6SBY7 | 6SC7 |
| | 6T4 | 6T10 | 6U4GT | 6W4GT | 6W6GT |
| 6X5GT | 6X8 | 6X8A | 6Y6 | 6Z10 | 7GS7 |
| 8AC10 | 8AL9 | 8AW8A | 8B10 | 8BM11 | |
| | 8BN11 | | | | |
| 8BQ5 | 8CB11 | 8CX8 | 8JV8 | 8KA8 | 8LT8 |
| 9002 | 9006 | 9BJ11 | 9GV8/XCL85 | 9JW8 | |

Date: Sat, 23 Aug 1997 19:22:17 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
To: boatanchors@sco.theporch.com
Subject: Info needed...
Message-ID: <Pine.BSF.3.95.970823192018.18990C-100000@piobaire.mines.uidaho.edu>

- 1) What, exactly, is a Stancor model C-1410 ?
- 2) Does anyone have or know where I can find a manual for a BECO (Brown Electro-Measurement Corp., Seattle, Washington) model 312A Impedance Bridge?

Ken W7EKB

End of BOATANCHORS Digest 1636
